

Case No. : <u>GTS20250819018-2-02</u>
Ambient Condition: <u>23</u> °C, <u>55</u> %RH,
Test Date: <u>2025.8.27</u> Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.000	2406.600	2417.600	0.5	PASS
		2437	9.240	2432.280	2441.520	0.5	PASS
		2462	10.000	2457.000	2467.000	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.360	2428.840	2445.200	0.5	PASS
		2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.720	2403.120	2420.840	0.5	PASS
		2437	17.680	2428.160	2445.840	0.5	PASS
		2462	17.720	2453.120	2470.840	0.5	PASS
11AX20SISO	Ant1	2412	19.000	2402.520	2421.520	0.5	PASS
		2437	18.880	2427.640	2446.520	0.5	PASS
		2462	19.000	2452.520	2471.520	0.5	PASS

Test Graphs

11B_Ant1_2412



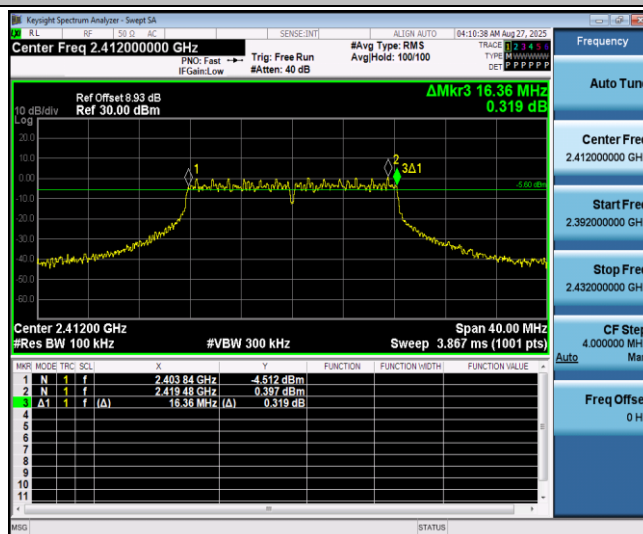
11B_Ant1_2437



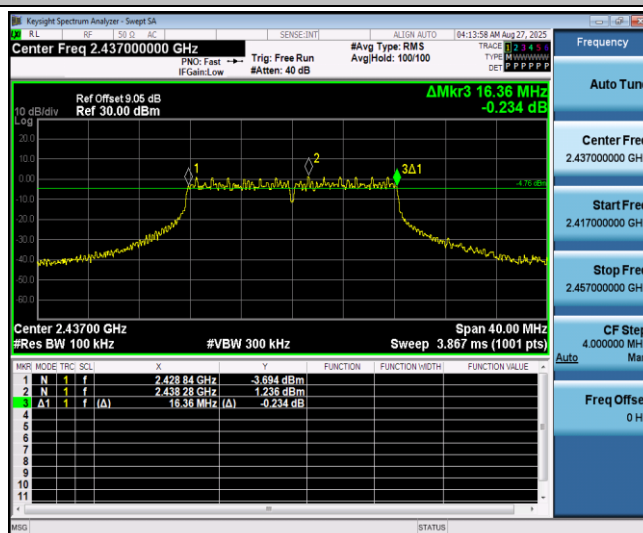
11B_Ant1_2462



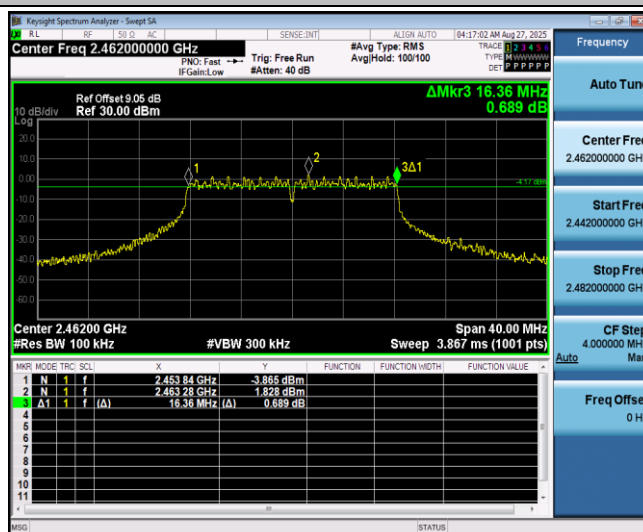
11G_Ant1_2412



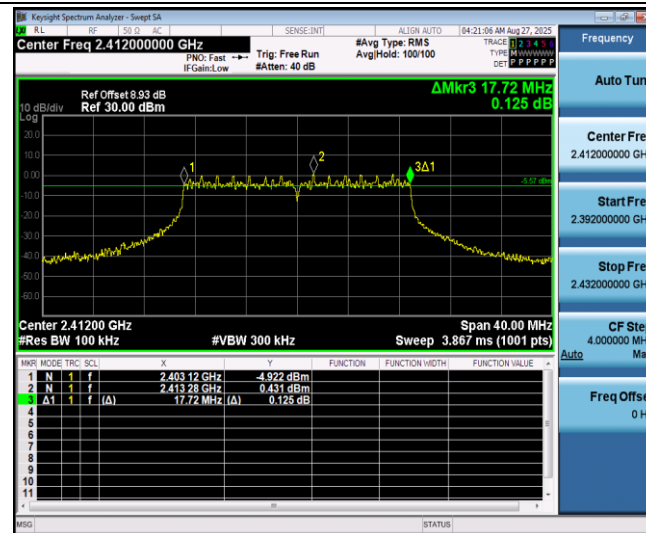
11G_Ant1_2437



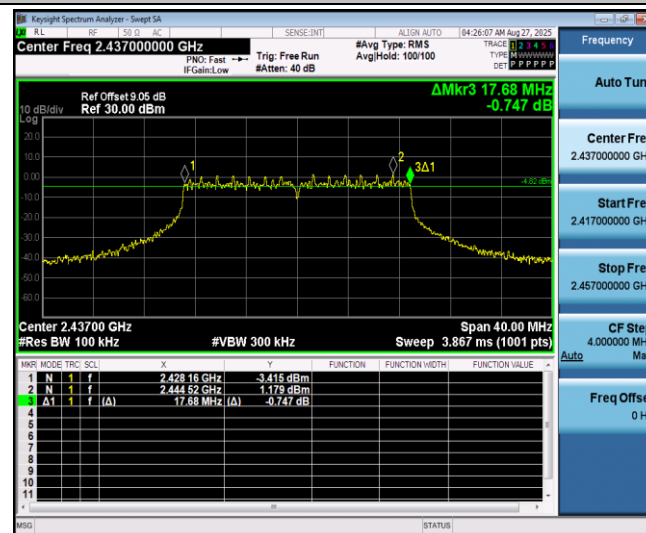
11G_Ant1_2462



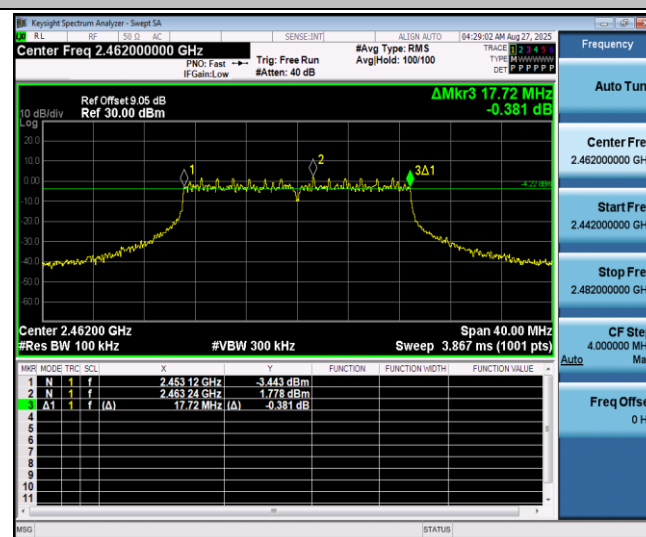
11N20SISO_Ant1_2412



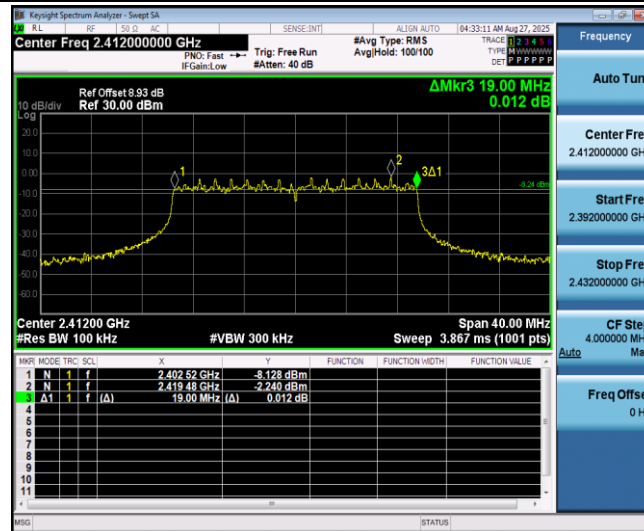
11N20SISO_Ant1_2437



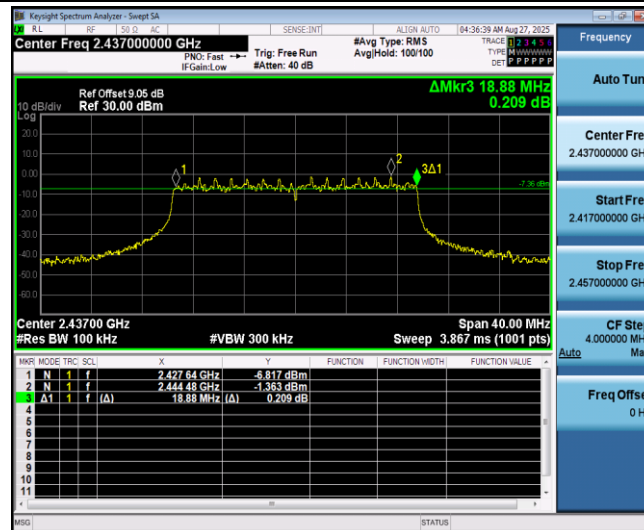
11N20SISO_Ant1_2462



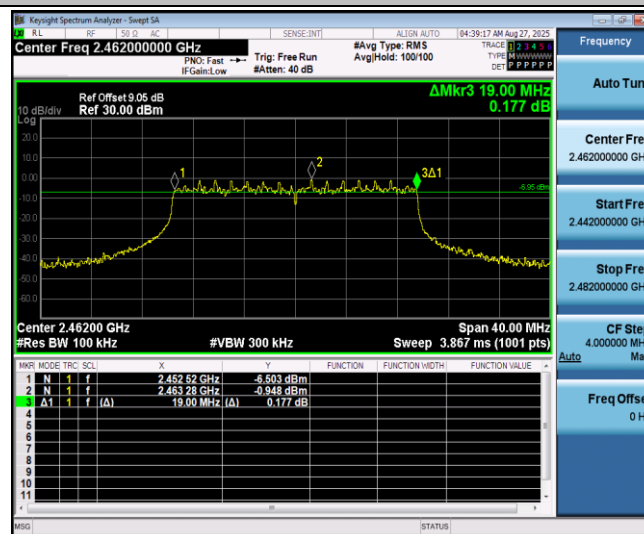
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



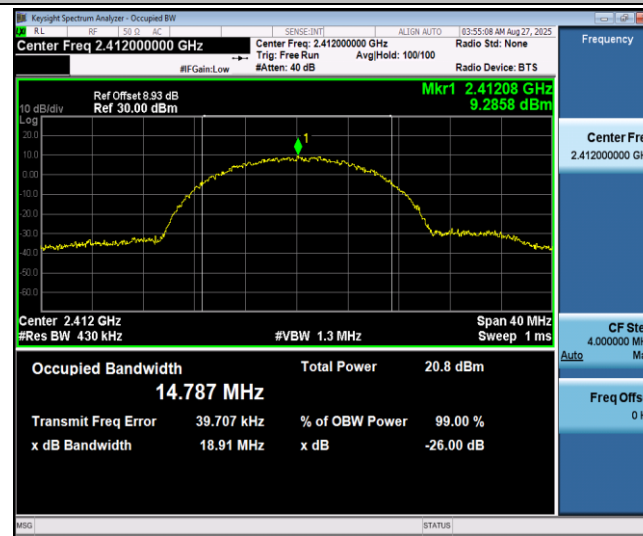
Appendix B.2: Occupied Channel Bandwidth

Test Result

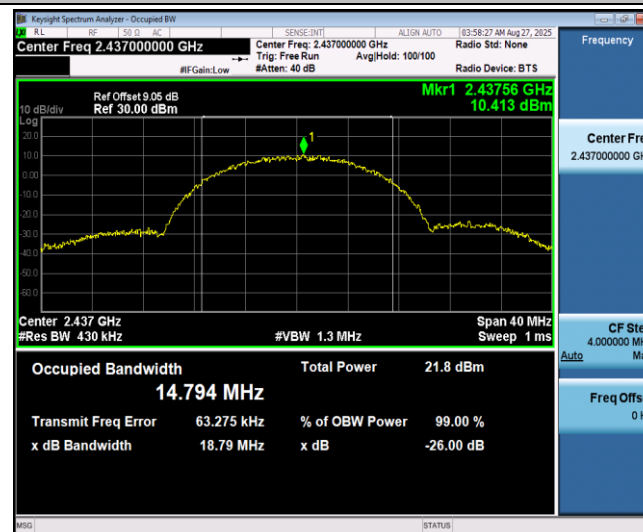
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.787	2404.6462	2419.4332	---	---
		2437	14.794	2429.6663	2444.4603	---	---
		2462	14.793	2454.6045	2469.3975	---	---
11G	Ant1	2412	16.938	2403.4915	2420.4295	---	---
		2437	16.960	2428.4862	2445.4462	---	---
		2462	16.981	2453.4374	2470.4184	---	---
11N20SISO	Ant1	2412	18.194	2402.8436	2421.0376	---	---
		2437	18.208	2427.8506	2446.0586	---	---
		2462	18.169	2452.8545	2471.0235	---	---
11AX20SISO	Ant1	2412	19.230	2402.3947	2421.6247	---	---
		2437	19.226	2427.3932	2446.6192	---	---
		2462	19.216	2452.3780	2471.5940	---	---

Test Graphs

11B_Ant1_2412



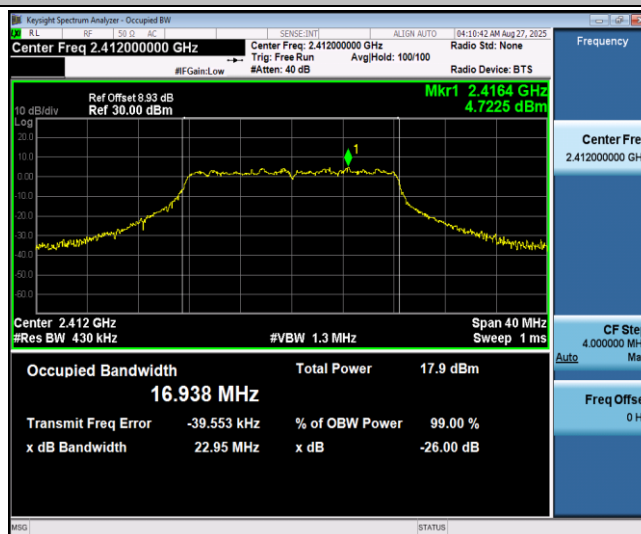
11B_Ant1_2437



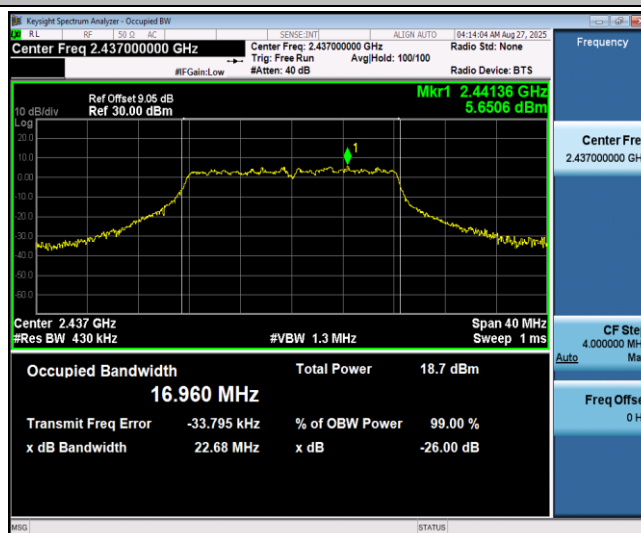
11B_Ant1_2462



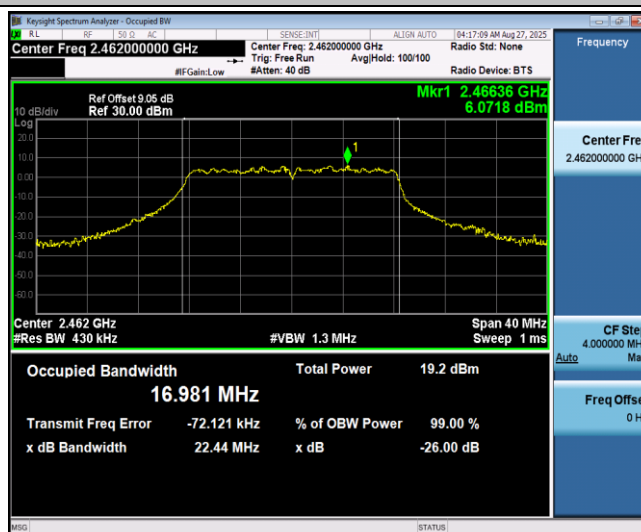
11G_Ant1_2412



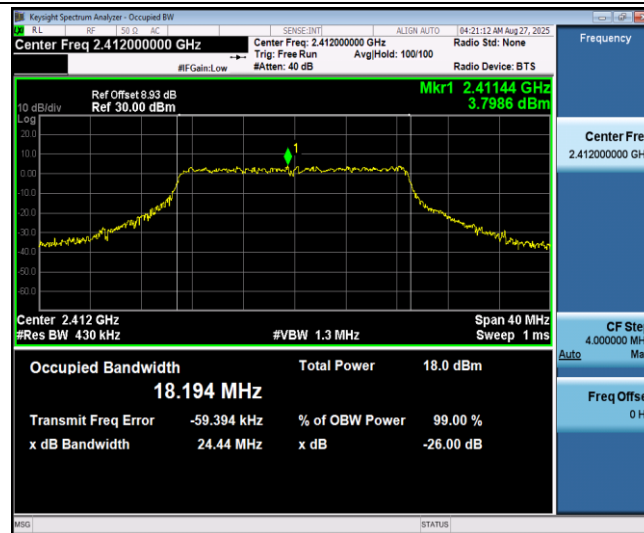
11G_Ant1_2437



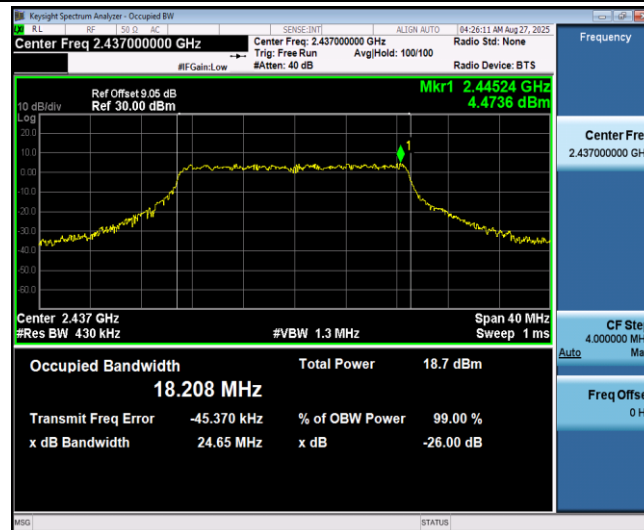
11G_Ant1_2462



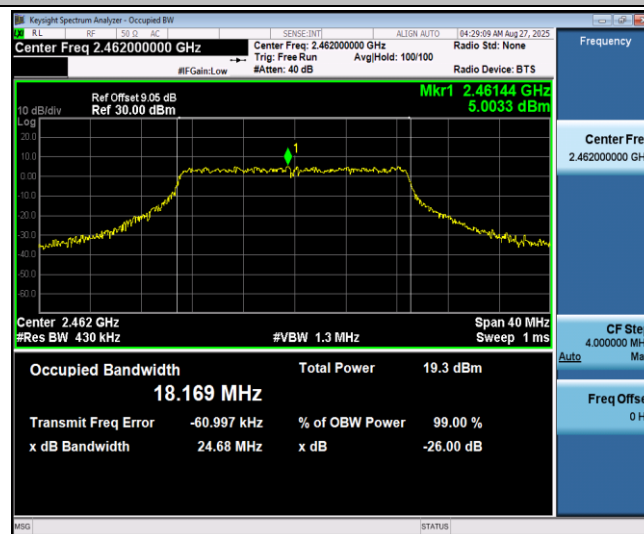
11N20SISO_Ant1_2412



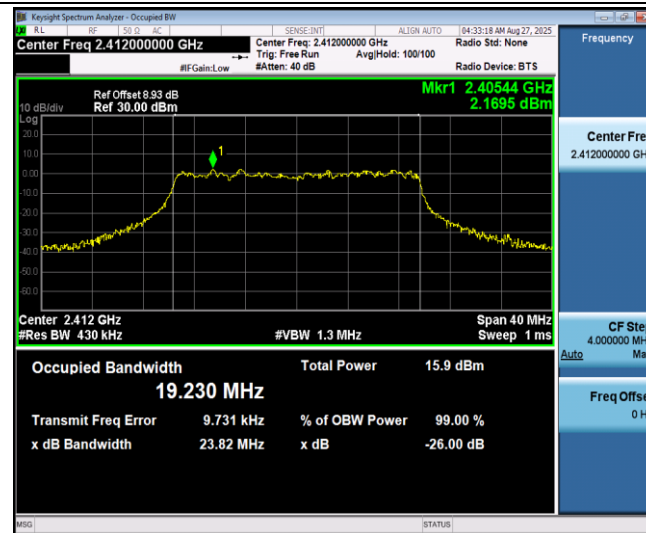
11N20SISO_Ant1_2437



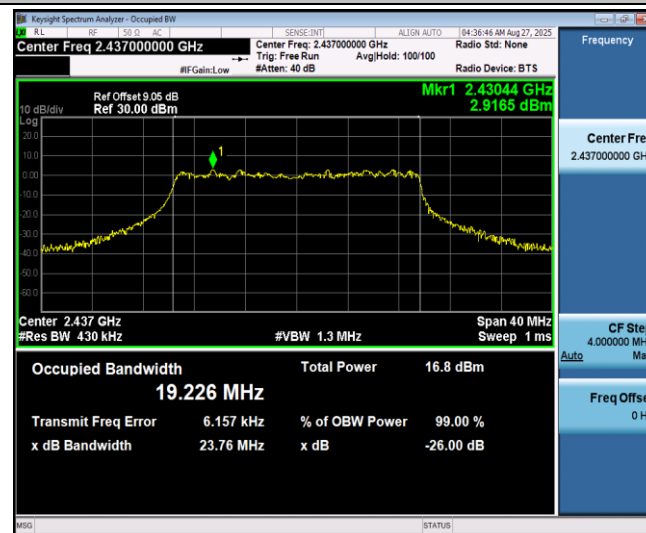
11N20SISO_Ant1_2462



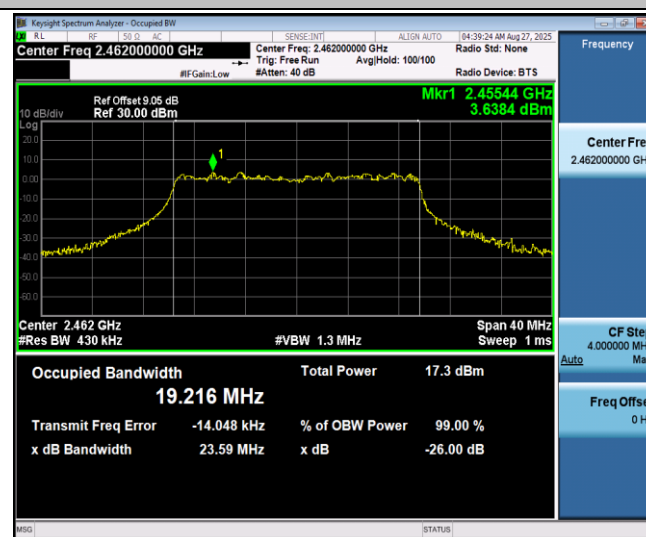
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	20.26	≤30.00	PASS
		2437	21.31	≤30.00	PASS
		2462	21.30	≤30.00	PASS
11G	Ant1	2412	18.90	≤30.00	PASS
		2437	19.64	≤30.00	PASS
		2462	20.25	≤30.00	PASS
11N20SISO	Ant1	2412	18.81	≤30.00	PASS
		2437	19.51	≤30.00	PASS
		2462	20.02	≤30.00	PASS
11AX20SISO	Ant1	2412	16.50	≤30.00	PASS
		2437	17.29	≤30.00	PASS
		2462	17.78	≤30.00	PASS

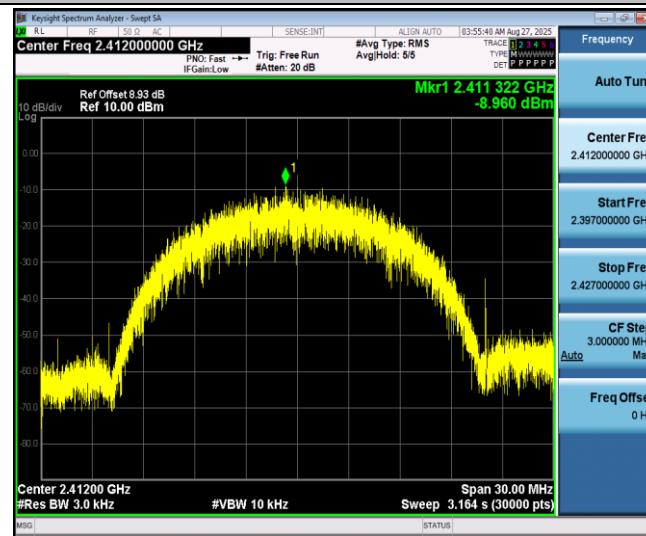
Appendix B.4: Maximum power spectral density

Test Result

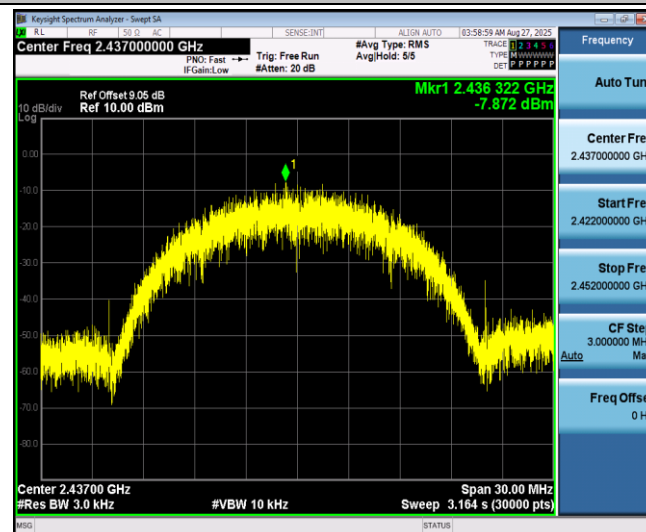
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.96	≤8.00	PASS
		2437	-7.87	≤8.00	PASS
		2462	-7.80	≤8.00	PASS
11G	Ant1	2412	-13.75	≤8.00	PASS
		2437	-12.35	≤8.00	PASS
		2462	-12.26	≤8.00	PASS
11N20SISO	Ant1	2412	-13.74	≤8.00	PASS
		2437	-12.74	≤8.00	PASS
		2462	-12.34	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.00	≤8.00	PASS
		2437	-14.45	≤8.00	PASS
		2462	-14.15	≤8.00	PASS

Test Graphs

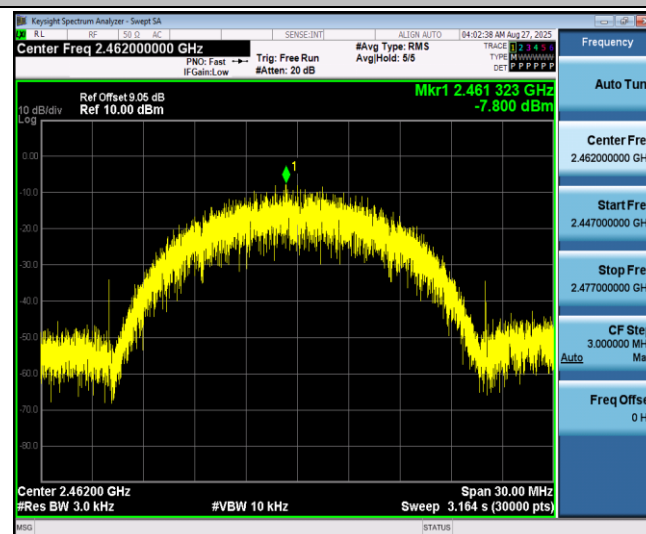
11B_Ant1_2412



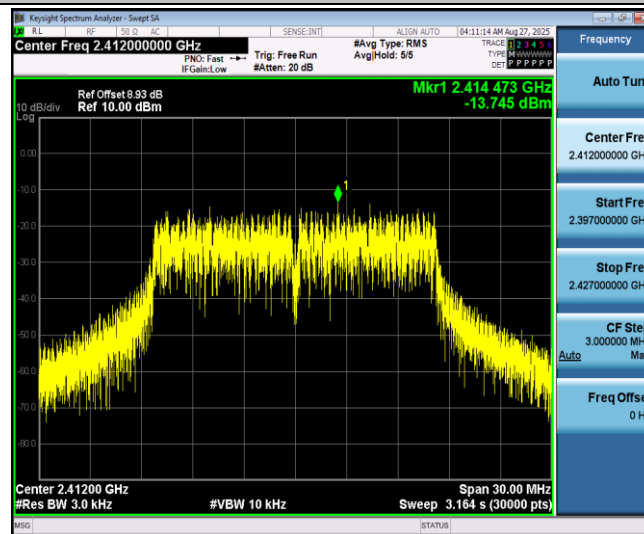
11B_Ant1_2437



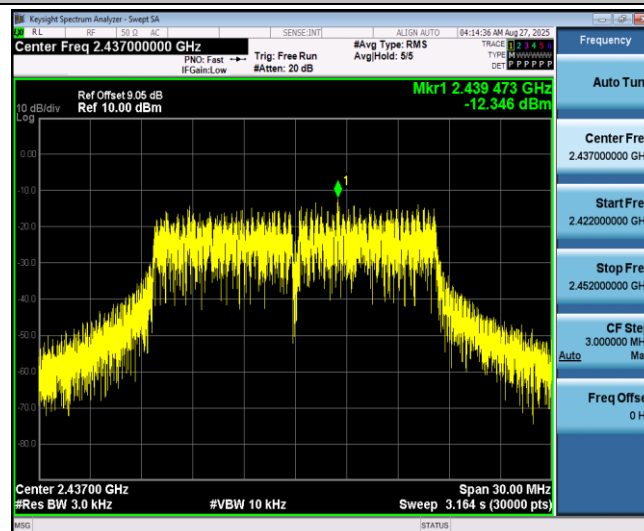
11B_Ant1_2462



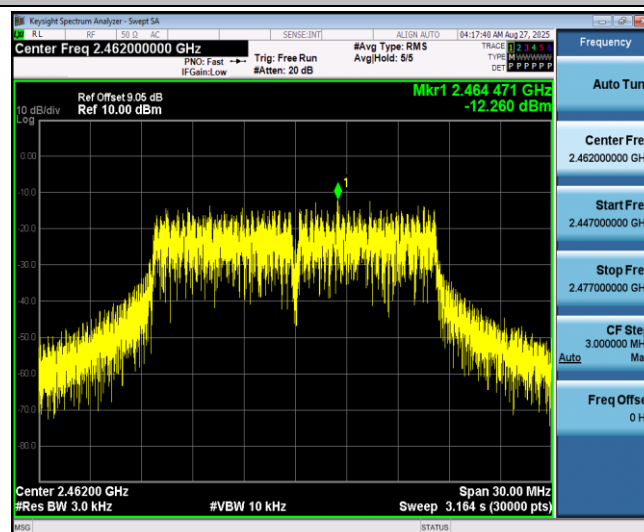
11G_Ant1_2412



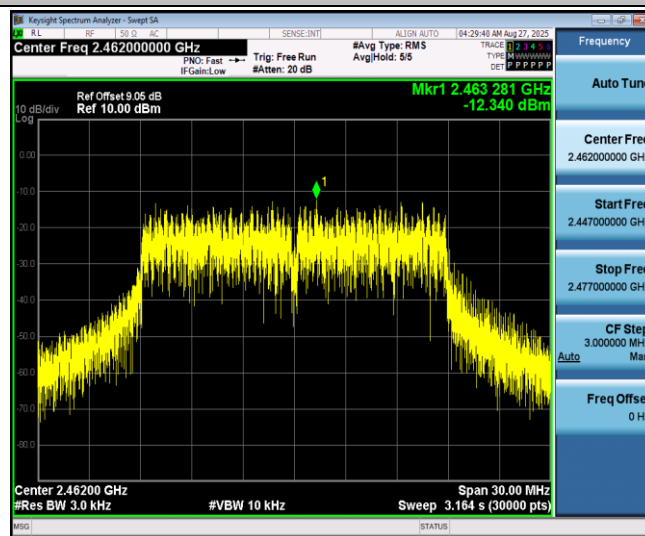
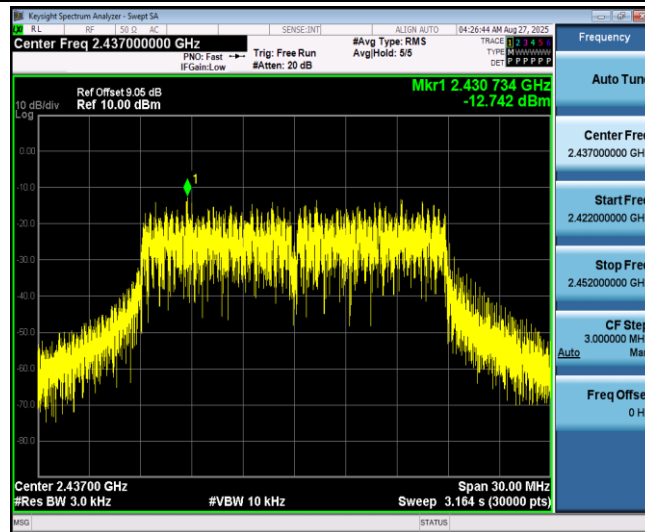
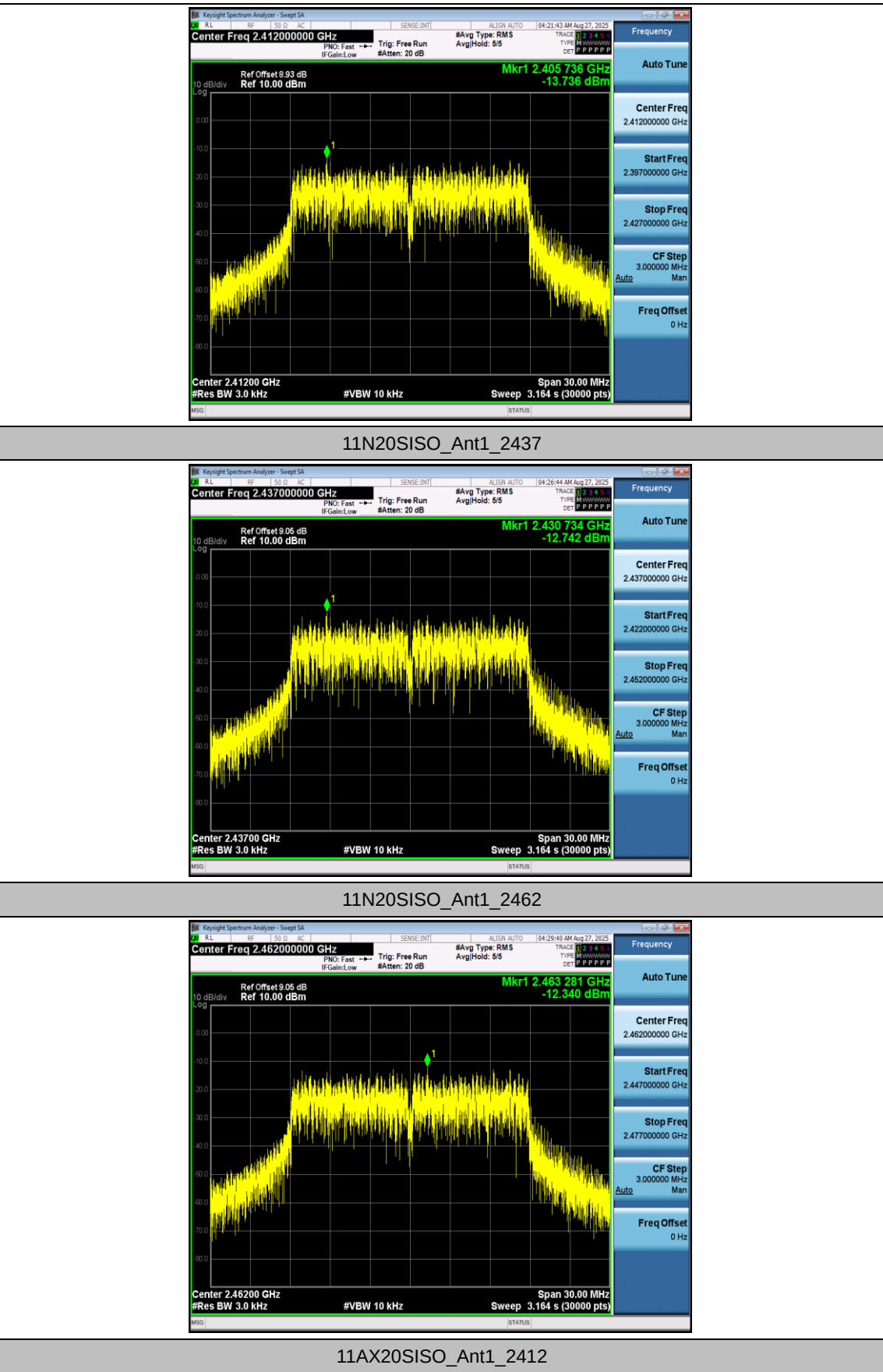
11G_Ant1_2437

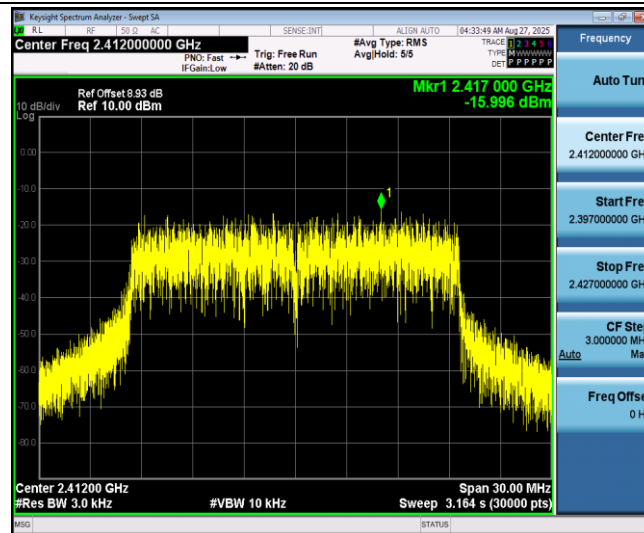


11G_Ant1_2462

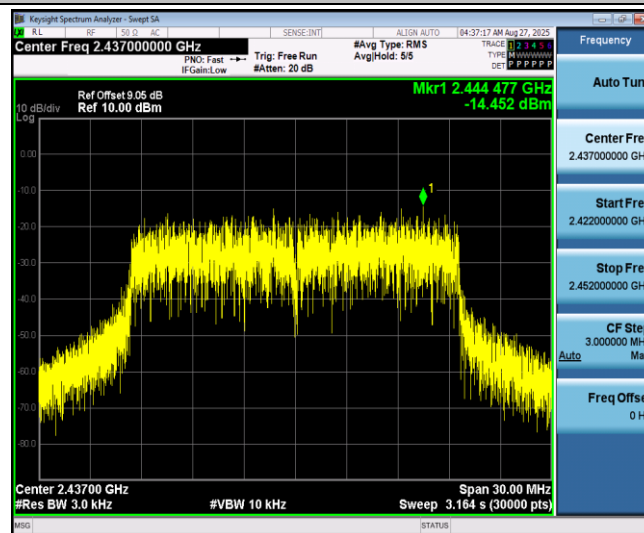


11N20SISO_Ant1_2412

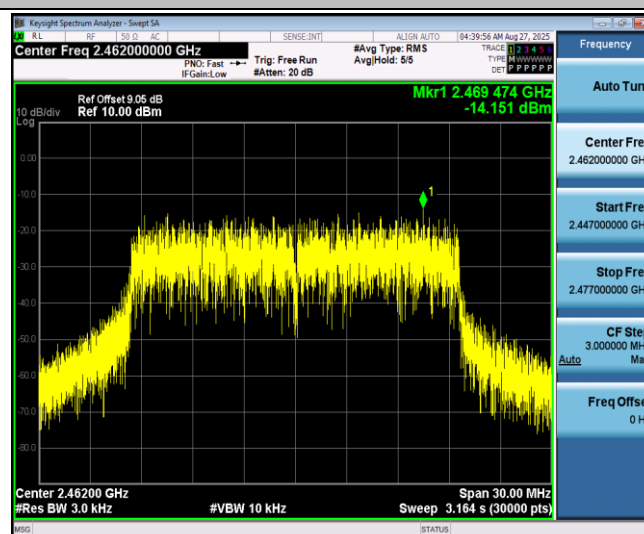




11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



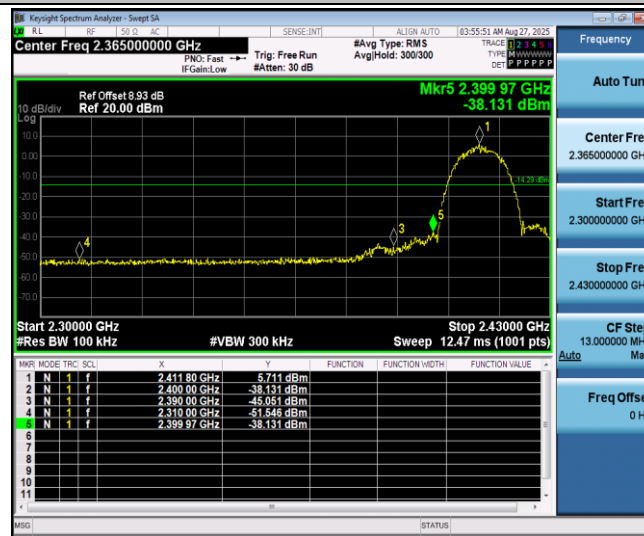
Appendix B.5:Band edge measurements

Test Result

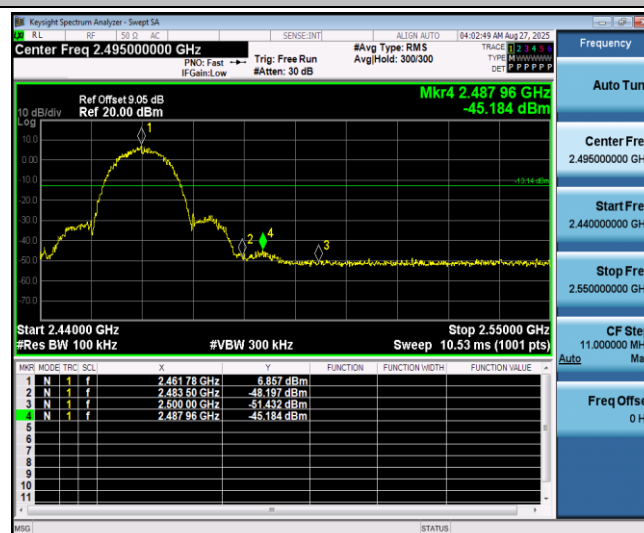
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.71	-38.13	≤-14.29	PASS
		High	2462	6.86	-45.18	≤-13.14	PASS
11G	Ant1	Low	2412	0.40	-31.57	≤-19.6	PASS
		High	2462	1.93	-43.09	≤-18.08	PASS
11N20SISO	Ant1	Low	2412	0.45	-31.52	≤-19.55	PASS
		High	2462	1.85	-42.32	≤-18.15	PASS
11AX20SISO	Ant1	Low	2412	-2.30	-35.75	≤-22.3	PASS
		High	2462	-0.82	-45.66	≤-20.82	PASS

Test Graphs

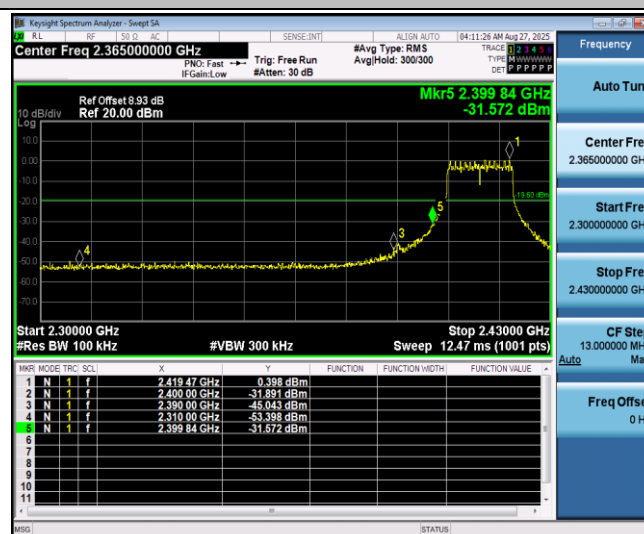
11B_Ant1_Low_2412



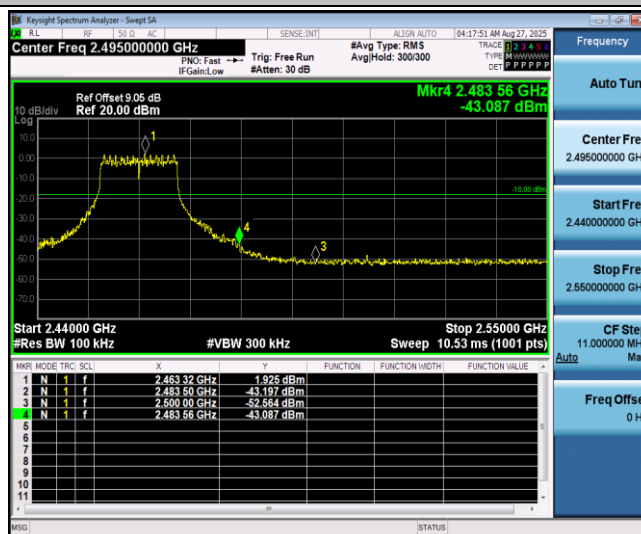
11B_Ant1_High_2462



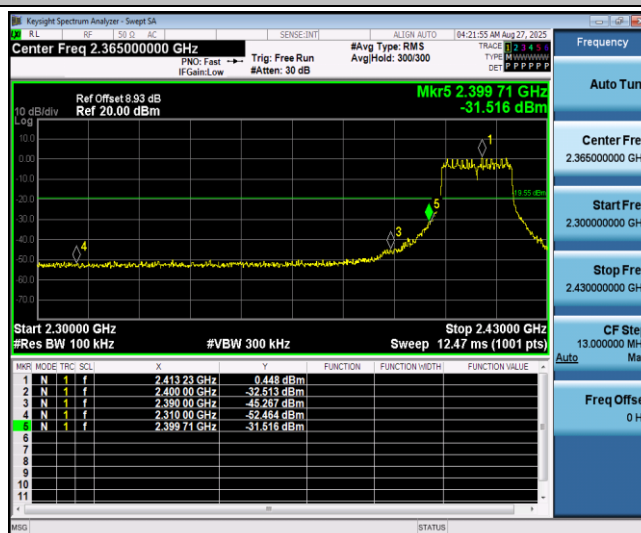
11G_Ant1_Low_2412



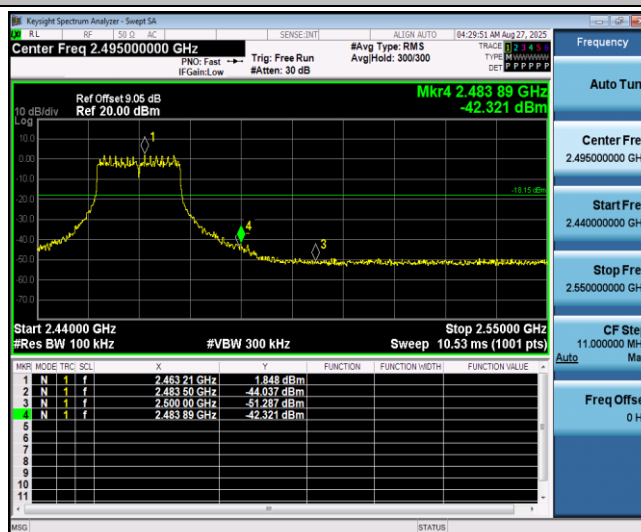
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11AX20SISO_Ant1_Low_2412

